

# Marshall Randolph

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[GITHUB](#)

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SF Bay Area, CA

## SKILLS

Ruby, Rails, JavaScript, React, Redux, SQL, Git, HTML5, CSS3, Heroku, Node.js

## PROJECTS

**MyPx (Ruby, Rails, React, Redux, JavaScript, CSS, HTML, Active Record, Heroku)**

[live](#) | [github](#)

***A showcase for photographers to share their work and connect with other photographers***

- Connected application to AWS for image hosting and paired with Cloudinary cdn for dynamic image transformations reducing application load times and preserving image quality based on the presentation need
- Implemented user authentication using BCrypt hashing algorithm for session management eliminating the need to store a user's sensitive data to complete authentication
- Utilized flexbox to produce a mosaic tile effect for user posts creating a responsive layout and visually appealing user experience
- Maintained RESTful routes throughout the application to improve maintainability and predictable API access from the front end
- Created database schema and utilized Active Record associations to simplify application interactions

**Outfitter (MongoDB, Express, React, Node.js, Redux, Heroku)**

[live](#) | [github](#)

***An outfit selection tool enabling users to create and save outfits from items they currently own***

- Leveraged React/Redux state management to allow a user to drill down through wardrobe attributes narrowing choices based on user preferences
- Designed and styled application splash and wardrobe selection pages focusing on cohesive theme and responsive application experience
- Coordinated git pushes with collaborators to reduce merge conflicts and other disruptions to workflow

**4096 (JavaScript, CSS, HTML, Canvas)**

[live](#) | [github](#)

***An addictive tile game based on the popular 2048 game***

- Designed custom movement logic building traversals for each game piece and making appropriate tile combination decisions
- Designed game board exclusively in HTML Canvas to draw and update board based on user interaction
- Implemented project using ES6 class structure and object oriented design for more readable code and simplified inheritance
- Used webpack to manage changes to code and ensure project is deployed without errors due to missing requirements

## EXPERIENCE

**Project Analyst**

*AmerisourceBergen*

Aug 2015 - Jan 2018

- Designed and implemented work order integration solution for shortages and missing items preventing work stoppages and reducing user calls to technical support teams by 90%
- Created custom SQL reports for team use to track error rates and process deviations during site transitions providing site managers with accurate and timely information to enable evidence based coaching moments
- Created classroom curriculum to train 100+ floor associates on new job requirements and actions post WMS conversion.
- Reduced overtime hours by 30% in the first 90 days through task standardization, reduced exception processing, and mentoring supervisors on best practices

**Business Systems Analyst II**

*Charming Charlie*

July 2012 - July 2015

- Identified and resolved store allocation defect resulting in \$1,000,000 reduction in allocated store inventory
- Designed and implemented reserve allocation and selection process for distribution center(DC) to support shift in company purchasing strategy
- Designed semi-automated markdown workflow completely eliminating pricing errors and reducing analyst workload by 75%
- Subject matter expert for supply chain distribution for Oracle RMS implementation responsible for managing unit, integration and acceptance testing cycles

## EDUCATION

**Full Stack Web Development - App Academy** | May 2019

**BS Business Administration - Washington University in St. Louis** | 2001 - 2005